

Applicant : Arkady Pittel, et al
Serial No. : 09/698,471
Filed : October 27, 2000
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Attorney's Docket No.: 11627-002001




REMARKS

Applicant asks that all claims be allowed. Please apply any charges or credits to Deposit Account No. 06-1050, reference 11627-002001.

Respectfully submitted,

Date: 9/25/02



David L. Feigenbaum
Reg. No. 30,378

Fish & Richardson P.C.
225 Franklin Street
Boston, Massachusetts 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906



Version with markings to show changes made

113. The method of claim 3 in which the optics comprise an aspheric lens.

114. The apparatus of claim 3 in which the optics include at least one cylindrical lens near the sensor to project light horizontally onto the sensor.

115. The apparatus of claim 3 in which the optics include two cylindrical lenses, one of the lenses near the sensor to project light horizontally onto sensor, and the other of the lenses positioned to collect light in the Z-axis dimension, the other of the lenses having a body that is bent around the first lens.

116. The apparatus of claim 27 in which the optics include at least one cylindrical lens near the sensor to project light horizontally onto the sensor.

117. The apparatus of claim 27 in which the optics includes two cylindrical lenses, one of the cylindrical lenses near the sensor to project light horizontally onto sensor, and the other of the lenses positioned to collect light in the Z-axis dimension, the other of the lenses having a body that is bent around the first lens.

118. The apparatus of claim 76 in which the lens comprises an aspherical lens.

119. The apparatus of claim 76 in which the optics include at least one cylindrical lens near the sensor to project light horizontally onto the sensor.

120. The apparatus of claim 76 in which the optics include two cylindrical lenses, one of the lenses near the sensor to project light horizontally onto sensor, and the other of the lenses positioned to collect light in the Z-axis dimension, the other lens having a body that is bent around the first lens.

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121. The apparatus of claim 76 in which the optics and associated sensors are tilted inwardly towards each other in horizontal plane to overlap their fields.

122. The method of claim of 83 in which a lens-to-sensor distance and center pixel offset in reference to a center of the sensor are determined by sweeping a light source through known geometrical angles.--

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